

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(HTTP and WAP and (convert\$4 or conversion or interfac\$4) and (request\$4 or enquir\$4) and (recogniz\$4) and protocol and (encrypt\$4 or \$2cipher\$4 or scramb\$4) and (gateway or router)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/22 11:10
L2	743	713/153.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/22 11:11
L3	1768	713/168.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/22 11:49
L4	3	(wap near9 http ) near9 (converting or conversion or interfacing) adj3 server	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/22 11:50
S1	7	(IPsec or (IP security)) same (encrypt\$3 or cipher\$3 or scrambl\$3) same (WAP or (wireless application protocol))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/17 11:32
S2	2	713/201.ccls. and (IPsec or (IP security)) same (encrypt\$3 or cipher\$3 or scrambl\$3) same (WAP or (wireless application protocol))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 08:53
S3	3	(IPsec or (IP security)) same (encrypt\$3 or cipher\$3 or scrambl\$3)same authentication same (WAP or (wireless application protocol))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/17 11:33
S4	1	(IPsec or (IP security)) same (encrypt\$3 or cipher\$3 or scrambl\$3)same authentication same (WAP or (wireless application protocol)) and WML	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/17 11:33
S5	7	((IPsec or (IP security)) same (encrypt\$3 or cipher\$3 or scrambl\$3)same authentication) and (authentication same (encrypt\$3 or cipher\$3 or scrambl\$3) same (WAP or (wireless application protocol)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/17 11:34

## EAST Search History

S6	20	(wap near2 (gateway or router))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/02 14:15
S7	4	(wap near2 (gateway or router)) and "web application"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/02 14:16
S8	42	((wap or "Wireless Application Protocol") near9 (gateway or router or proxy)) and "web application"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/02 14:20
S9	248	((wap or "Wireless Application Protocol") near9 (gateway or router or proxy)) and (web same application)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/02 14:20
S10	18	((wap or "Wireless Application Protocol") near9 (gateway or router or proxy)) and (web same application) and (IP\$1sec\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/02 14:34
S11	196	726/14.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/02 14:36
S12	1	09/380573	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/02 14:57
S13	92	(wap gateway) and (web application)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/20 13:17
S14	50	(wap server) and (web application)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/20 13:24
S15	450	(wireless application protocol) and (web application)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/20 13:25

## EAST Search History

S16	16	((wireless application protocol) near2 (server or host)) and (web application)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/20 13:26
S17	98	((((wireless application protocol) or WAP) near2 (server or host)) and (web application)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/20 13:32
S18	4	((((wireless application protocol) or WAP) near2 (router)) and (web application)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/20 13:33
S20	683	((((wireless application protocol) or WAP) adj (gateway or server or host or router)) same (web)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/20 13:35
S21	24	IPV6 and WTLS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 08:53
S22	33	IPV6 and (WTLS or (wireless transport layer security))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 10:04
S25	5	wtls and IPV6 and IPsec	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 10:51
S26	871	homogeneous near2 (network or internet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 10:52
S27	2	homogeneous near2 (network or internet) same IPsec	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 10:52
S28	2	homogeneous near2 (network or internet) same (IPsec or (IP security))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 10:53

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S29	22	homogeneous near2 (network or internet) and (IPsec or (IP security))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 13:18
S30	5	WAP same ("no" conver\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 13:20
S31	0	WAP same (("with" out) conver\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 14:02
S32	3	(java EE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 14:02
S33	716	(java EE) or (J2EE near2 server)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 14:03
S34	78	((java EE) or (J2EE near2 server) ) and WAP	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 14:04
S35	92	((java EE) or (J2EE near2 server) or (Apache Tomcat)) and WAP	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 14:13
S36	10	configur\$4 near9 (web server) near9 WAP	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/06 14:14
S37	100	(multi\$1protocol near2 communications).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 07:41
S38	84	(multi\$1protocol near2 communications).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 07:42

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S39	51	(multi\$1protocol adj communications).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 07:42
S40	3	(multi\$1protocol adj communications).ti. and brody	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 08:21
S41	47	(IPsec or (IP security) or (Internet protocol security)) near6 stack same (encrypt\$4 or cipher\$4 or scrambl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 08:35
S42	106	(IPsec or (IP security) or (Internet protocol security)) and stack and (encrypt\$4 or cipher\$4 or scrambl\$4) and ((wireless access protocol) or WAP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 08:36
S43	93	(IPsec or (IP security) or (Internet protocol security)) and stack and (encrypt\$4 or cipher\$4 or scrambl\$4) and ((wireless access protocol) or WAP or WTLS) and (HTTP or SSL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 09:21
S44	1331	WAP gateway	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 09:21
S45	54	(WAP gateway) near9 conversion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 09:22
S46	4	(WAP gateway) near9 conversion and ((IP security) or (internet protocol security) or (IPsec))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 09:24
S47	4	(WAP near3 gateway) near9 conversion and ((IP security) or (internet protocol security) or (IPsec))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 09:25

## EAST Search History

S48	15	(WAP same gateway) near9 conversion and ((IP security) or (internet protocol security) or (IPsec) or WTLS)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 09:26
S49	53	(WAP or (wireless access protocol)) and (gateway) near9 conversion and ((IP security) or (internet protocol security) or (IPsec) or WTLS)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 09:27
S50	53	(WAP or (wireless access protocol)) and ((gateway) near9 conversion) and ((IP security) or (internet protocol security) or (IPsec) or WTLS)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 11:34
S51	34	gsm near4 encrypt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 11:34
S52	3	S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/08 11:34


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### 1 [The Satchel system architecture: mobile access to documents and services](#)

Mike Flynn, David Pendlebury, Chris Jones, Marge Eldridge, Mik Lamming

December 2000

**Mobile Networks and Applications**, Volume 5 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: pdf(207.51 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Mobile professionals require access to documents and document-related services, such as printing, wherever they may be. They may also wish to give documents to colleagues electronically, as easily as with paper, face-to-face, and with similar security characteristics. The Satchel system provides such capabilities in the form of a mobile browser, implemented on a device that professional people would be likely to carry anyway, such as a pager or mobile phone. Printing may be per ...

### 2 [Business-to-business interactions: issues and enabling technologies](#)

B. Medjahed, B. Benatallah, A. Bouguettaya, A. H. H. Ngu, A. K. Elmagarmid

May 2003

**The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 12 Issue 1

Publisher: Springer-Verlag New York, Inc.

Full text available: pdf(558.34 KB)

 Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Business-to-Business (B2B) technologies pre-date the Web. They have existed for at least as long as the Internet. B2B applications were among the first to take advantage of advances in computer networking. The Electronic Data Interchange (EDI) business standard is an illustration of such an early adoption of the advances in computer networking. The ubiquity and the affordability of the Web has made it possible for the masses of businesses to automate their B2B interactions. However, several issu ...

**Keywords:** B2B Interactions, Components, E-commerce, EDI, Web services, Workflows, XML

### 3 [Device-aware desktop web page transformation for rendering on handhelds](#)

A. Artail, Mackram Raydan

November 2005

**Personal and Ubiquitous Computing**, Volume 9 Issue 6

Publisher: Springer-Verlag

Full text available: pdf(252.77 KB)

 Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This paper illustrates a new approach to automatic re-authoring of web pages for rendering on small-screen devices. The approach is based on automatic detection of the device type and screen size from the HTTP request header to render a desktop web page or a transformed one for display on small screen devices, for example, PDAs. Known algorithms (transforms) are employed to reduce the size of page elements, to hide parts of the text, and to transform tables into text while preserving the structu ...

**Keywords:** Context awareness, Mobile device types, Small screen devices, Transcoding, Web browsing, Web page rendering, Wireless devices

### 4 [Web site analysis and customization: Web customization using behavior-based remote executing agents](#)

Eugene Hung, Joseph Pasquale

May 2004

**Proceedings of the 13th international conference on World Wide Web WWW '04**

Publisher: ACM Press

Full text available: pdf(128.60 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

ReAgents are remotely executing agents that customize Web browsing for non-standard clients. A reAgent is essentially a one-shot" mobile agent that acts as an extension of a client dynamically launched by the client to run on its behalf at a remote more advantageous location. ReAgents simplify the use of mobile agent technology by transparently handling data migration and run-time network communications and provide a general interface for programmers to more easily implement their application-sp ...

**Keywords:** dynamic deployment, remote agents, web customization

5



#### Making computers disappear: appliance data services

Andrew C. Huang, Benjamin C. Ling, John Barton, Armando Fox  
July 2001

**Proceedings of the 7th annual international conference on Mobile computing and networking MobiCom '01**

Publisher: ACM Press

Full text available: pdf(691.57 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Digital appliances designed to simplify everyday tasks are readily available to end consumers. For example, mobile users can retrieve Web content using handheld devices since content retrieval is well-supported by infrastructure services such as transformational proxies. However, the same type of support is lacking for input-centric devices, those that create content and allow users to share content. This lack of infrastructural support makes input-centric devices hard to use and less useful.

...

6



#### WAPcam --- using a WAP application in student education

April 2001

**ACM SIGGROUP Bulletin**, Volume 22 Issue 1

Publisher: ACM Press

Full text available: pdf(704.67 KB)

Additional Information: [full citation](#), [references](#), [index terms](#), [review](#)

7



#### Vinci: a service-oriented architecture for rapid development of web applications

Rakesh Agrawal, Roberto J. Bayardo, Daniel Gruhl, Spiros Papadimitriou  
April 2001

**Proceedings of the 10th international conference on World Wide Web WWW '01**

Publisher: ACM Press

Full text available: pdf(472.82 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

8



#### System support for pervasive applications

Robert Grimm, Janet Davis, Eric Lemar, Adam Macbeth, Steven Swanson, Thomas Anderson, Brian Bershad, Gaetano Borriello, Steven Gribble, David Wetherall  
November 2004

**ACM Transactions on Computer Systems (TOCS)**, Volume 22 Issue 4

Publisher: ACM Press

Full text available: pdf(1.82 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Pervasive computing provides an attractive vision for the future of computing. Computational power will be available everywhere. Mobile and stationary devices will dynamically connect and coordinate to seamlessly help people in accomplishing their tasks. For this vision to become a reality, developers must build applications that constantly adapt to a highly dynamic computing environment. To make the developers' task feasible, we present a system architecture for pervasive computing, called & ...

**Keywords:** Asynchronous events, checkpointing, discovery, logic/operation pattern, migration, one.world, pervasive computing, structured I/O, tuples, ubiquitous computing

9



#### Ubiquitous hypermedia: Integrating the web and the world: contextual trails on the move

Frank Allan Hansen, Niels Olof Bouvin, Bent G. Christensen, Kaj Grønbaek, Torben Bach Pedersen, Jevgenij Gagach  
August 2004

**Proceedings of the fifteenth ACM conference on Hypertext and hypermedia HYPERTEXT '04**

Publisher: ACM Press

Full text available: pdf(3.41 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper presents applications of HyCon, a framework for context aware hypermedia systems. The HyCon framework encompasses annotations, links, and guided tours associating locations and RFID- or Bluetooth-tagged objects with maps, Web pages, and collections of resources. The user-created annotations, links and guided tours, are represented as XLink structures, and HyCon introduces the use of XLink for the representation of recorded geographical paths with annotations and links. The HyCon archi ...

**Keywords:** SVG, XLink, context aware hypermedia, open hypermedia



10 Characteristics of WAP traffic

Irene C. Y. Ma, James Irvine

January 2004

**Wireless Networks**, Volume 10 Issue 1

Publisher: Kluwer Academic Publishers

Full text available:  pdf(328.62 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper considers the characteristics of Wireless Application Protocol (WAP) traffic. We start by constructing a WAP traffic model by analysing the behaviour of users accessing public WAP sites via a monitoring system. A wide range of different traffic scenarios were considered, but most of these scenarios resolve to one of two basic types. The paper then uses this traffic model to consider the effects of large quantities of WAP traffic on the core network. One traffic characteristic which is ...

**Keywords:** WAP, mobile data, self-similarity, traffic modelling

11 WEST: a Web browser for small terminals

Staffan Björk, Lars Erik Holmquist, Johan Redström, Ivan Bretan, Rolf Danielsson, Jussi Karlgren, Kristofer Franzén

November 1999

**Proceedings of the 12th annual ACM symposium on User interface software and technology UIST '99**

Publisher: ACM Press

Full text available:  pdf(173.07 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We describe WEST, a Web browser for Small Terminals, that aims to solve some of the problems associated with accessing web pages on hand-held devices. Through a novel combination of text reduction and focus+context visualization, users can access web pages from a very limited display environment, since the system will provide an overview of the contents of a web page even when it is too large to be displayed in its entirety. To make maximum use of the limited resources available on a typica ...

**Keywords:** WAP (wireless application protocol), flip zooming, focus+context visualization, hand-held devices, proxy systems, text reduction, web browser

12 Computer human interface: Handheld devices for applications using dynamic multimedia data

Binh Pham, On Wong

June 2004

**Proceedings of the 2nd international conference on Computer graphics and interactive techniques in Australasia and South East Asia GRAPHITE '04**

Publisher: ACM Press

Full text available:  pdf(209.86 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Growing demand for ubiquitous and pervasive computing has triggered a sharp rise in handheld device usage. At the same time, dynamic multimedia data has become accepted as core material which many important applications depend on, despite intensive costs in computation and resources. This paper investigates the suitability and constraints of using handheld devices for such applications. We firstly analyse the capabilities and limitations of current models of handheld devices and advanced feature ...

**Keywords:** collaborative, computer graphics, handheld devices, image processing, multimedia

13 WebViews: accessing personalized web content and services

Juliana Freire, Bharat Kumar, Daniel Lieuwen

April 2001

**Proceedings of the 10th international conference on World Wide Web WWW '01**

Publisher: ACM Press

Full text available:  pdf(305.83 KB)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** Web clipping, content transcoding, dynamic content, electronic commerce, information delivery, personalization, smart bookmarks, voice interfaces, wrappers


14 A situated computing framework for mobile and ubiquitous multimedia access using small screen and composite devices

Thai-Lai Pham, Georg Schneider, Stuart Goose

October 2000

**Proceedings of the eighth ACM international conference on Multimedia MULTIMEDIA '00**



Publisher: ACM Press

Full text available:  pdf(952.99 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In recent years, small screen devices, such as cellular phones or Personal Digital Assistants (PDAs), enjoy phenomenal popularity. PDAs can be used to complement traditional computing systems to



access personal multimedia information beyond the usage as digital organizers. However, due to the physical limitations accessing rich multimedia contents and diverse services using a single PDA is more difficult. Hence, the Situated Computing Framework (SCF) research project at Siemens Corporate Rese ...

**Keywords:** WWW, composite devices, mobile and ubiquitous computing, situated computing



- 15  Federating and harvesting metadata: JAFER ToolKit project: interfacing Z39.50 and XML  
 Antony Corfield, Matthew Dovey, Richard Mawby, Colin Tatham  
 July 2002 **Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital libraries JCDL '02**  
 Publisher: ACM Press  
 Full text available:  pdf(186,28 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper, we describe the JAFER ToolKit project which is developing a simplified XML based API above the Z39.50 protocol[1]. The ToolKit allows the development of both Z39.50 based applications (both clients and servers) without detailed knowledge of the complexities of the protocol.



**Keywords:** Java, XML, XSLT, Z39.50, programming

- 16  Applications on the go: LiveMail: personalized avatars for mobile entertainment  
 Miran Mosmondor, Tomislav Kosutic, Igor S. Pandzic  
 June 2005 **Proceedings of the 3rd international conference on Mobile systems, applications, and services MobiSys '05**  
 Publisher: ACM Press  
 Full text available:  pdf(383,63 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

LiveMail is a prototype system that allows mobile subscribers to communicate using personalized 3D face models created from images taken by their phone cameras. The user takes a snapshot of someone's face - a friend, famous person, themselves, even a pet - using the mobile phone's camera. After a quick manipulation on the phone, a 3D model of that face is created and can be animated simply by typing in some text. Speech and appropriate animation of the face are created automatically by speech sy ...



- 17  Cross-modal interaction using XWeb  
 Dan R. Olsen, Sean Jefferies, Travis Nielsen, William Moyes, Paul Fredrickson  
 November 2000 **Proceedings of the 13th annual ACM symposium on User interface software and technology UIST '00**  
 Publisher: ACM Press  
 Full text available:  pdf(200,30 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** cross-modal interaction, network interaction, screen layout, speech interfaces

- 18  Mobility and Wireless Access: A web middleware architecture for dynamic customization of content for wireless clients  
 Jesse Steinberg, Joseph Pasquale  
 May 2002 **Proceedings of the 11th international conference on World Wide Web WWW '02**  
 Publisher: ACM Press  
 Full text available:  pdf(224,43 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We present a new Web middleware architecture that allows users to customize their view of the Web for optimal interaction and system operation when using non-traditional resource-limited client machines such as wireless PDAs (personal digital assistants). Web Stream Customizers (WSC) are dynamically deployable software modules and can be strategically located between client and server to achieve improvements in performance, reliability, or security. An important design feature is that Customizer ...


**Keywords:** HTTP, middleware, mobile code, proxy, wireless

- 19  Multi-platform interfaces: Flexible re-engineering of web sites  
 Laurent Bouillon, Jean Vanderdonckt, Kwok Chieu Chow  
 January 2004 **Proceedings of the 9th international conference on Intelligent user interfaces IUI '04**  
 Publisher: ACM Press  
 Full text available:  pdf(231,09 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Re-engineering transforms a final user interface into a logical representation that is manipulable enough to allow forward engineering to port a UI from one computing platform to another with

maximum flexibility and minimal effort. Re-engineering is used to adapt a UI to another context. This adaptation is governed by two main tasks: the adaptation of the code itself to the new computing platform and the redesign of the UI to better suit the new constraints of the target platform (interaction ca ...

**Keywords:** forward engineering, model-based approach, portability, reengineering, reverse engineering

- <sup>20</sup> Modeling methodology: Supply chain agent decision aid system (SCADAS)  
 Anurag Gupta, Larry Whitman, Ramesh K. Agarwal  
 December 2001 **Proceedings of the 33nd conference on Winter simulation WSC '01**  
 Publisher: IEEE Computer Society  
 Full text available:  [pdf\(192.49 KB\)](#) Additional information: [full citation](#), [abstract](#), [references](#), [index terms](#)



Supply chain decisions are improved with access to global information. However, supply chain partners are frequently hesitant to provide full access to all the information within an enterprise. A mechanism to make decisions based on global information without complete access to that information is required for improved supply chain decision making. Mobile agents can support this requirement and these are the programs that can be initiated on a single host and then migrate from host to host over ...

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